

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

L Number	Hits	Search Text	DB	Time stamp
1	172	((("5824404") or ("5979826"))).PN. or (102/377).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/07/31 05:39
2	32	((("5824404") or ("5979826"))).PN. or (102/377).CCLS.) and nose\$6	USPAT; US-PGPUB; EPO; JPO	2004/07/31 06:24
3	19	("0185548" "2919629" "3032970" "3200586" "3216323" "4172420" "4399962" "4497460" "4579298" "4611540" "4793571" "4925130" "4998994" "5005781" "5078336" "5353710" "5400715" "5494239" "6227096").PN.	USPAT	2004/07/31 05:53
4	11	("2992794" "3161132" "3699891" "3937124" "4187761" "4660456" "4829878" "5363737" "5363767" "5406876" "5773751").PN.	USPAT	2004/07/31 06:00
5	1	6227096.URPN.	USPAT	2004/07/31 06:06
6	1	5159151.URPN.	USPAT	2004/07/31 06:15
7	1	5159151.URPN.	USPAT	2004/07/31 06:15
8	6	("3601055" "3674227" "4131065" "4498394" "4546940" "4646642").PN.	USPAT	2004/07/31 06:15
9	4	3601055.URPN.	USPAT	2004/07/31 06:19
10	5	("3000597" "3070018" "3106162" "3357356" "3374740").PN.	USPAT	2004/07/31 06:19
11	188	(102/519).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/07/31 06:38
12	126	(102/703).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/07/31 06:55
13	13	4638737.URPN.	USPAT	2004/07/31 06:53
14	6	("3903804" "4497253" "4516502" "4524697" "4567829" "4597333").PN.	USPAT	2004/07/31 06:54
15	2	((("5824404") or ("5979826"))).PN.	USPAT; US-PGPUB; EPO; JPO	2004/07/31 06:56
16	0	((("5824404") or ("5979826"))).PN.) and nose\$	USPAT; US-PGPUB; EPO; JPO	2004/07/31 06:56
17	0	((("5824404") or ("5979826"))).PN.) and \$8nose\$	USPAT; US-PGPUB; EPO; JPO	2004/07/31 06:57
66	20352	1-15	USPAT; US-PGPUB; EPO; JPO	2004/07/31 07:43

70	51	missile and petal	USPAT; US-PGPUB; EPO; JPO	2004/07/31 07:48
71	62	missile and petal\$6	USPAT; US-PGPUB; EPO; JPO	2004/07/31 07:48
72	11	(missile and petal\$6) not (missile and petal)	USPAT; US-PGPUB; EPO; JPO	2004/07/31 07:49
73	7	(((("5824404") or ("5979826"))).PN. or (102/377).CCLS.) (((("5824404") or ("5979826"))).PN. or (102/377).CCLS.) and nose\$6) ((("0185548" "2919629" "3032970" "3200586" "3216323" "4172420" "4399962" "4497460" "4579298" "4611540" "4793571" "4925130" "4998994" "5005781" "5078336" "5353710" "5400715" "5494239" "6227096").PN.) ((("2992794" "3161132" "3699891" "3937124" "4187761" "4660456" "4829878" "5363737" "5363767" "5406876" "5773751").PN.) 6227096.URPN. 5159151.URPN. 5159151.URPN. ((("3601055" "3674227" "4131065" "4498394" "4546940" "4646642").PN.) 3601055.URPN. ((("3000597" "3070018" "3106162" "3357356" "3374740").PN.) ((102/519).CCLS.) ((102/703).CCLS.) 4638737.URPN. ((("3903804" "4497253" "4516502" "4524697" "4567829" "4597333").PN.) (((("5824404") or ("5979826"))).PN.)) and actuator and (petal leaf)	USPAT; US-PGPUB; EPO; JPO	2004/07/31 08:06
74	62	(((("5824404") or ("5979826"))).PN. or (102/377).CCLS.) (((("5824404") or ("5979826"))).PN. or (102/377).CCLS.) and nose\$6) ((("0185548" "2919629" "3032970" "3200586" "3216323" "4172420" "4399962" "4497460" "4579298" "4611540" "4793571" "4925130" "4998994" "5005781" "5078336" "5353710" "5400715" "5494239" "6227096").PN.) ((("2992794" "3161132" "3699891" "3937124" "4187761" "4660456" "4829878" "5363737" "5363767" "5406876" "5773751").PN.) 6227096.URPN. 5159151.URPN. 5159151.URPN. ((("3601055" "3674227" "4131065" "4498394" "4546940" "4646642").PN.) 3601055.URPN. ((("3000597" "3070018" "3106162" "3357356" "3374740").PN.) ((102/519).CCLS.) ((102/703).CCLS.) 4638737.URPN. ((("3903804" "4497253" "4516502" "4524697" "4567829" "4597333").PN.) (((("5824404") or ("5979826"))).PN.)) and (actuator piston)	USPAT; US-PGPUB; EPO; JPO	2004/07/31 08:11
75	13	("0046490" "2297130" "3005406" "3256816" "3282216" "3425650" "3494284" "3703998" "4572463" "4770369" "5005781" "5159151" "5363767").PN.	USPAT	2004/07/31 08:08
76	2	5494239.URPN.	USPAT	2004/07/31 08:09

77	378	(d12/319,345).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/07/31 08:21
78	5	("1703488" "3369771" "4650139" "4834324" "5129602").PN.	USPAT	2004/07/31 08:16
79	18	5295642.URPN.	USPAT	2004/07/31 08:17
80	398	(nosecones nose?cones (nose adj cones))	USPAT; US-PGPUB; EPO; JPO	2004/07/31 08:22
81	395	((nosecones nose?cones (nose adj cones))) not ((((("5824404") or ("5979826"))).PN. or (102/377).CCLS.) ((((("5824404") or ("5979826"))).PN. or (102/377).CCLS.) and nose\$6) (("0185548" "2919629" "3032970" "3200586" "3216323" "4172420" "4399962" "4497460" "4579298" "4611540" "4793571" "4925130" "4998994" "5005781" "5078336" "5353710" "5400715" "5494239" "6227096").PN.) (("2992794" "3161132" "3699891" "3937124" "4187761" "4660456" "4829878" "5363737" "5363767" "5406876" "5773751").PN.) 6227096.URPN. 5159151.URPN. 5159151.URPN. (("3601055" "3674227" "4131065" "4498394" "4546940" "4646642").PN.) 3601055.URPN. (("3000597" "3070018" "3106162" "3357356" "3374740").PN.) ((102/519).CCLS.) ((102/703).CCLS.) 4638737.URPN. (("3903804" "4497253" "4516502" "4524697" "4567829" "4597333").PN.) ((((("5824404") or ("5979826"))).PN.))	USPAT; US-PGPUB; EPO; JPO	2004/07/31 08:22
82	5	("3135204" "3172330" "3248072" "3500717" "3616140").PN.	USPAT	2004/07/31 08:26
83	15	3970006.URPN.	USPAT	2004/07/31 08:27
84	5	("2449187" "2997809" "3301246" "3445954" "3903801").PN.	USPAT	2004/07/31 08:30
85	14	4038776.URPN.	USPAT	2004/07/31 08:30
86	4	4798143.URPN.	USPAT	2004/07/31 08:43
87	17	("0674509" "1131761" "1139354" "1277023" "1417475" "2096698" "2920566" "3102607" "3859598" "3867244" "4022404" "4050208" "4055317" "4121790" "4291851" "4479621" "4552325").PN.	USPAT	2004/07/31 08:44
88	15	("3747530" "3954228" "3971939" "4085910" "4142696" "4291849" "4399097" "4500051" "4568040" "4576346" "4598884" "4600166" "4615496" "4619421" "4703904").PN.	USPAT	2004/07/31 08:45
89	4	4850275.URPN.	USPAT	2004/07/31 08:48

92	925	<p>(((nosecones nose?cones (nose adj cones))) not (((("5824404") or ("5979826")).PN. or (102/377).CCLS.) (((("5824404") or ("5979826")).PN. or (102/377).CCLS.) and nose\$6) (("0185548" "2919629" "3032970" "3200586" "3216323" "4172420" "4399962" "4497460" "4579298" "4611540" "4793571" "4925130" "4998994" "5005781" "5078336" "5353710" "5400715" "5494239" "6227096").PN.) (("2992794" "3161132" "3699891" "3937124" "4187761" "4660456" "4829878" "5363737" "5363767" "5406876" "5773751").PN.) 6227096.URPN. 5159151.URPN. 5159151.URPN. (("3601055" "3674227" "4131065" "4498394" "4546940" "4646642").PN.) 3601055.URPN. (("3000597" "3070018" "3106162" "3357356" "3374740").PN.) ((102/519).CCLS.) ((102/703).CCLS.) 4638737.URPN. (("3903804" "4497253" "4516502" "4524697" "4567829" "4597333").PN.) (((("5824404") or ("5979826")).PN.))) (((("5824404") or ("5979826")).PN. or (102/377).CCLS.) (((("5824404") or ("5979826")).PN. or (102/377).CCLS.) and nose\$6) (("0185548" "2919629" "3032970" "3200586" "3216323" "4172420" "4399962" "4497460" "4579298" "4611540" "4793571" "4925130" "4998994" "5005781" "5078336" "5353710" "5400715" "5494239" "6227096").PN.) (("2992794" "3161132" "3699891" "3937124" "4187761" "4660456" "4829878" "5363737" "5363767" "5406876" "5773751").PN.) 6227096.URPN. 5159151.URPN. 5159151.URPN. (("3601055" "3674227" "4131065" "4498394" "4546940" "4646642").PN.) 3601055.URPN. (("3000597" "3070018" "3106162" "3357356" "3374740").PN.) ((102/519).CCLS.) ((102/703).CCLS.) 4638737.URPN. (("3903804" "4497253" "4516502" "4524697" "4567829" "4597333").PN.) (((("5824404") or ("5979826")).PN.))</p>	USPAT; US-PGPUB; EPO; JPO	2004/07/31 09:53
----	-----	---	---------------------------------	---------------------

93	13	<p>(((nosecones nose?cones (nose adj cones))) not (((("5824404") or ("5979826")).PN. or (102/377).CCLS.) (((("5824404") or ("5979826")).PN. or (102/377).CCLS.) and nose\$6) (("0185548" "2919629" "3032970" "3200586" "3216323" "4172420" "4399962" "4497460" "4579298" "4611540" "4793571" "4925130" "4998994" "5005781" "5078336" "5353710" "5400715" "5494239" "6227096").PN.) (("2992794" "3161132" "3699891" "3937124" "4187761" "4660456" "4829878" "5363737" "5363767" "5406876" "5773751").PN.) 6227096.URPN. 5159151.URPN. 5159151.URPN. (("3601055" "3674227" "4131065" "4498394" "4546940" "4646642").PN.) 3601055.URPN. (("3000597" "3070018" "3106162" "3357356" "3374740").PN.) ((102/519).CCLS.) ((102/703).CCLS.) 4638737.URPN. (("3903804" "4497253" "4516502" "4524697" "4567829" "4597333").PN.) (((("5824404") or ("5979826")).PN.))) (((("5824404") or ("5979826")).PN. or (102/377).CCLS.) (((("5824404") or ("5979826")).PN. or (102/377).CCLS.) and nose\$6) (("0185548" "2919629" "3032970" "3200586" "3216323" "4172420" "4399962" "4497460" "4579298" "4611540" "4793571" "4925130" "4998994" "5005781" "5078336" "5353710" "5400715" "5494239" "6227096").PN.) (("2992794" "3161132" "3699891" "3937124" "4187761" "4660456" "4829878" "5363737" "5363767" "5406876" "5773751").PN.) 6227096.URPN. 5159151.URPN. 5159151.URPN. (("3601055" "3674227" "4131065" "4498394" "4546940" "4646642").PN.) 3601055.URPN. (("3000597" "3070018" "3106162" "3357356" "3374740").PN.) ((102/519).CCLS.) ((102/703).CCLS.) 4638737.URPN. (("3903804" "4497253" "4516502" "4524697" "4567829" "4597333").PN.) (((("5824404") or ("5979826")).PN.))) and hermetic\$6</p>	USPAT; US-PGPUB; EPO; JPO	2004/07/31 10:01
----	----	---	---------------------------------	---------------------

94	116	<p>(((nosecones nose?cones (nose adj cones))) not (((("5824404") or ("5979826")).PN. or (102/377).CCLS.) (((("5824404") or ("5979826")).PN. or (102/377).CCLS.) and nose\$6) (("0185548" "2919629" "3032970" "3200586" "3216323" "4172420" "4399962" "4497460" "4579298" "4611540" "4793571" "4925130" "4998994" "5005781" "5078336" "5353710" "5400715" "5494239" "6227096").PN.) (("2992794" "3161132" "3699891" "3937124" "4187761" "4660456" "4829878" "5363737" "5363767" "5406876" "5773751").PN.) 6227096.URPN. 5159151.URPN. 5159151.URPN. (("3601055" "3674227" "4131065" "4498394" "4546940" "4646642").PN.) 3601055.URPN. (("3000597" "3070018" "3106162" "3357356" "3374740").PN.) ((102/519).CCLS.) ((102/703).CCLS.) 4638737.URPN. (("3903804" "4497253" "4516502" "4524697" "4567829" "4597333").PN.) (((("5824404") or ("5979826")).PN.))) (((("5824404") or ("5979826")).PN. or (102/377).CCLS.) (((("5824404") or ("5979826")).PN. or (102/377).CCLS.) and nose\$6) (("0185548" "2919629" "3032970" "3200586" "3216323" "4172420" "4399962" "4497460" "4579298" "4611540" "4793571" "4925130" "4998994" "5005781" "5078336" "5353710" "5400715" "5494239" "6227096").PN.) (("2992794" "3161132" "3699891" "3937124" "4187761" "4660456" "4829878" "5363737" "5363767" "5406876" "5773751").PN.) 6227096.URPN. 5159151.URPN. 5159151.URPN. (("3601055" "3674227" "4131065" "4498394" "4546940" "4646642").PN.) 3601055.URPN. (("3000597" "3070018" "3106162" "3357356" "3374740").PN.) ((102/519).CCLS.) ((102/703).CCLS.) 4638737.URPN. (("3903804" "4497253" "4516502" "4524697" "4567829" "4597333").PN.) (((("5824404") or ("5979826")).PN.))) and (ft feet miles km kilomet??s)</p>	USPAT; US-PGPUB; EPO; JPO	2004/07/31 10:03
----	-----	---	---------------------------------	---------------------

95	46	<p> ((((nosecones nose?cones (nose adj cones)))) not ((((("5824404") or ("5979826")).PN. or (102/377).CCLS.) ((((("5824404") or ("5979826")).PN. or (102/377).CCLS.) and nose\$6) (("0185548" "2919629" "3032970" "3200586" "3216323" "4172420" "4399962" "4497460" "4579298" "4611540" "4793571" "4925130" "4998994" "5005781" "5078336" "5353710" "5400715" "5494239" "6227096").PN.) (("2992794" "3161132" "3699891" "3937124" "4187761" "4660456" "4829878" "5363737" "5363767" "5406876" "5773751").PN.) 6227096.URPN. 5159151.URPN. 5159151.URPN. (("3601055" "3674227" "4131065" "4498394" "4546940" "4646642").PN.) 3601055.URPN. (("3000597" "3070018" "3106162" "3357356" "3374740").PN.) ((102/519).CCLS.) ((102/703).CCLS.) 4638737.URPN. (("3903804" "4497253" "4516502" "4524697" "4567829" "4597333").PN.) ((((("5824404") or ("5979826")).PN.))) (((("5824404") or ("5979826")).PN. or (102/377).CCLS.) (((("5824404") or ("5979826")).PN. or (102/377).CCLS.) and nose\$6) (("0185548" "2919629" "3032970" "3200586" "3216323" "4172420" "4399962" "4497460" "4579298" "4611540" "4793571" "4925130" "4998994" "5005781" "5078336" "5353710" "5400715" "5494239" "6227096").PN.) (("2992794" "3161132" "3699891" "3937124" "4187761" "4660456" "4829878" "5363737" "5363767" "5406876" "5773751").PN.) 6227096.URPN. 5159151.URPN. 5159151.URPN. (("3601055" "3674227" "4131065" "4498394" "4546940" "4646642").PN.) 3601055.URPN. (("3000597" "3070018" "3106162" "3357356" "3374740").PN.) ((102/519).CCLS.) ((102/703).CCLS.) 4638737.URPN. (("3903804" "4497253" "4516502" "4524697" "4567829" "4597333").PN.) (((("5824404") or ("5979826")).PN.))) and altitud\$6 </p>	USPAT; US-PGPUB; EPO; JPO	2004/07/31 10:03
----	----	---	---------------------------------	---------------------